CUMULATIVE INDEXES

CONTRIBUTING AUTHORS, VOLUMES 3–7

A

Acheson, K., 7:187–208
Apgar, J., 5:43–68
Asplund, J. M., 6:95–112
Atkins, F. M., 4:233–55
Avioli, L. V., 4:471–91
Axelson, M. L., 6:345–63

B

Bacon, B. R., 7:485–508
Bada, J. L., 7:209–25
Baldwin, R. L., 4:101–14
Becker, D. J., 3:187–212
Benevenga, N. J., 4:151–81
Bengoa, J. M., 5:463–84
Bier, D. M., 3:309–39
Block, K. P., 4:409–54
Bloom, S. R., 5:213–39
Borum, P. R., 3:233–59
Brittenham, G. M., 7:485–508
Brooke, O. G., 7:91–116
Broquist, H. P., 5:391–409
Burk, R. F., 3:53–70
Butler, L. G., 7:423–40
Bywater, A. C., 4:101–14

C

Carlson, D. M., 7:423–40
Casper, R. C., 6:299–316
Castro, C. E., 7:407–21
Chytil, F., 7:321–35
Cole, S. G., 5:241–66
Collarini, E. J., 7:75–90
Combs, G. F. Jr., 4:257–80
Combs, S. B., 4:257–80
Cooper, B. A., 7:291–320
Cosman, M. P., 3:1–33
Cousins, R. J., 3:261–88
Crapo, P. A., 5:95–114

D

Dallman, P. R., 6:13–40
Daniels-Kush, R., 5:411–33
Darby, W. J., 5:1–24
DiSilvestro, R. A., 3:261–88
Doyle, M. P., 5:25–41
Drenick, E. J., 7:465–84

E

Elwyn, D. H., 3:433–66
Emken, E. A., 4:339–76
Englard, S., 6:365–406
Erdman, J. W. Jr., 3:213–31

F

Fant, M. E., 3:97–124
Farthing, M. J. G., 6:131–54
Fiala, E. S., 5:295–321
Field, J. O., 5:143–72
Fisler, J. S., 7:465–84
Forbes, R. M., 3:213–31
Foster, D. W., 7:51–73
Furihata, C., 6:67–94

G

Goldberg, A. C., 5:195–212
Goodridge, A. G., 7:157–85
Goodwin, T. W., 6:273–97
Gordeuk, V. R., 7:485–508
Gordon, J. I., 7:337–59
Grundy, S. M., 3:71–96

H

Halver, J. E., 6:225–44
Harper, A. E., 4:409–54; 7:509–37
Haussler, M. R., 6:527–62
Henderson, J. M., 7:137–56
Henderson, L. M., 3:289–307; 4:455–70
Henry, H. L., 4:493–520
Herlong, H. F., 6:457–74
Heuckeroth, R. O., 7:337–59
Heusner, A. A., 5:267–93
Himms-Hagen, J., 5:69–94
Hochstein, P., 5:365–90
Holub, B. J., 6:563–97
Horton, E. S., 5:411–33
Howard, L., 4:69–99
Hutt, P. B., 4:1–20

I

Ink, S. L., 4:455–70

J

Jansen, G. R., 4:43–67
Jarvis, W. T., 3:35–52
Jéquier, E., 7:187–208
Johnson, C., 7:441–63

K

Kagnoff, M. F., 5:241–66
Karanja, N., 6:475–94
Katz, J., 7:51–73
Keusch, G. T., 6:131–54
Kinney, J. M., 3:433–66
Koch, R., 7:117–35
Kruesi, M. J. P., 6:113–30
Kuwajima, M., 7:51–73

L

Levander, O. A., 7:227–50
Levine, R., 6:211–24

M

MacDonald, M. L., 4:521–62
Man, E. H., 7:209–25
Matovinovic, J., 3:341–412
Matsushima, T., 6:67–94
Matthews, D. E., 3:309–39
McCarron, D. A., 6:475–94
McCay, P. B., 5:323–40
McGarry, J. D., 7:51–73
McNamara, D. J., 7:273–90
Mehansho, H., 7:423–40
Merrill, A. H. Jr., 7:137–56
Metcalfe, D. D., 4:233–55
Michalek, A. V., 4:69–99
Miller, E. R., 7:361–82
Miller, R. H., 4:409–54
Mills, C. F., 5:173–93
Mitchell, M. C., 6:457–74
Morris, J. G., 4:521–62
Mortimore, G. E., 7:539–64
Munro, H. N., 3:97–124; 6:1–12; 7:23–49

N

Newberne, P. M., 6:407–32
Newgard, C. B., 7:51–73

CUMULATIVE INDEXES

CONTRIBUTING AUTHORS, VOLUMES 3–7

A

Acheson, K., 7:187–208
Apgar, J., 5:43–68
Asplund, J. M., 6:95–112
Atkins, F. M., 4:233–55
Avioli, L. V., 4:471–91
Axelson, M. L., 6:345–63

B

Bacon, B. R., 7:485–508
Bada, J. L., 7:209–25
Baldwin, R. L., 4:101–14
Becker, D. J., 3:187–212
Benevenga, N. J., 4:151–81
Bengoa, J. M., 5:463–84
Bier, D. M., 3:309–39
Block, K. P., 4:409–54
Bloom, S. R., 5:213–39
Borum, P. R., 3:233–59
Brittenham, G. M., 7:485–508
Brooke, O. G., 7:91–116
Broquist, H. P., 5:391–409
Burk, R. F., 3:53–70
Butler, L. G., 7:423–40
Bywater, A. C., 4:101–14

C

Carlson, D. M., 7:423–40
Casper, R. C., 6:299–316
Castro, C. E., 7:407–21
Chytil, F., 7:321–35
Cole, S. G., 5:241–66
Collarini, E. J., 7:75–90
Combs, G. F. Jr., 4:257–80
Combs, S. B., 4:257–80
Cooper, B. A., 7:291–320
Cosman, M. P., 3:1–33
Cousins, R. J., 3:261–88
Crapo, P. A., 5:95–114

D

Dallman, P. R., 6:13–40
Daniels-Kush, R., 5:411–33
Darby, W. J., 5:1–24
DiSilvestro, R. A., 3:261–88
Doyle, M. P., 5:25–41
Drenick, E. J., 7:465–84

E

Elwyn, D. H., 3:433–66
Emken, E. A., 4:339–76
Englard, S., 6:365–406
Erdman, J. W. Jr., 3:213–31

F

Fant, M. E., 3:97–124
Farthing, M. J. G., 6:131–54
Fiala, E. S., 5:295–321
Field, J. O., 5:143–72
Fisler, J. S., 7:465–84
Forbes, R. M., 3:213–31
Foster, D. W., 7:51–73
Furihata, C., 6:67–94

G

Goldberg, A. C., 5:195–212
Goodridge, A. G., 7:157–85
Goodwin, T. W., 6:273–97
Gordeuk, V. R., 7:485–508
Gordon, J. I., 7:337–59
Grundy, S. M., 3:71–96

H

Halver, J. E., 6:225–44
Harper, A. E., 4:409–54; 7:509–37
Haussler, M. R., 6:527–62
Henderson, J. M., 7:137–56
Henderson, L. M., 3:289–307; 4:455–70
Henry, H. L., 4:493–520
Herlong, H. F., 6:457–74
Heuckeroth, R. O., 7:337–59
Heusner, A. A., 5:267–93
Himms-Hagen, J., 5:69–94
Hochstein, P., 5:365–90
Holub, B. J., 6:563–97
Horton, E. S., 5:411–33
Howard, L., 4:69–99
Hutt, P. B., 4:1–20

I

Ink, S. L., 4:455–70

J

Jansen, G. R., 4:43–67
Jarvis, W. T., 3:35–52
Jéquier, E., 7:187–208
Johnson, C., 7:441–63

K

Kagnoff, M. F., 5:241–66
Karanja, N., 6:475–94
Katz, J., 7:51–73
Keusch, G. T., 6:131–54
Kinney, J. M., 3:433–66
Koch, R., 7:117–35
Kruesi, M. J. P., 6:113–30
Kuwajima, M., 7:51–73

L

Levander, O. A., 7:227–50
Levine, R., 6:211–24

M

MacDonald, M. L., 4:521–62
Man, E. H., 7:209–25
Matovinovic, J., 3:341–412
Matsushima, T., 6:67–94
Matthews, D. E., 3:309–39
McCarron, D. A., 6:475–94
McCay, P. B., 5:323–40
McGarry, J. D., 7:51–73
McNamara, D. J., 7:273–90
Mehansho, H., 7:423–40
Merrill, A. H. Jr., 7:137–56
Metcalfe, D. D., 4:233–55
Michalek, A. V., 4:69–99
Miller, E. R., 7:361–82
Miller, R. H., 4:409–54
Mills, C. F., 5:173–93
Mitchell, M. C., 6:457–74
Morris, J. G., 4:521–62
Mortimore, G. E., 7:539–64
Munro, H. N., 3:97–124; 6:1–12; 7:23–49

N

Newberne, P. M., 6:407–32
Newgard, C. B., 7:51–73

Nicholl, C. G., 5:213–39
Nielsen, F., 4:21–41
Norman, A. W., 4:493–520
Nyhan, W. L., 6:317–43

O

Olson, R. E., 4:281–337
Ong, D. E., 7:321–35
Oxender, D. L., 7:75–90

P

Paulson, D. J., 6:41–66
Pilistine, S. J., 3:97–124
Polak, J. M., 5:213–39
Pösö, A. R., 7:539–64
Prasad, A. S., 5:341–63

R

Rao, G. S., 4:115–36
Rapoport, J. L., 6:113–30
Rebouche, C. J., 6:41–66
Reddy, B. S., 5:295–321
Rogers, A. E., 6:407–32
Rogers, Q. R., 4:521–62
Rosenberg, I. H., 5:463–84
Rosenblatt, D. S., 7:291–320
Rozin, P., 6:433–56
Rudney, H., 6:245–72
Russell, R. M., 7:23–49

S

Sampson, D. A., 4:43–67
Sauberlich, H. E., 4:377–407
Savage, D. C., 6:155–78
Schonfeld, G., 5:195–212
Schutz, Y., 7:187–208
Scrimshaw, N. S., 7:1–21
Seifter, S., 6:365–406
Sevanian, A., 5:365–90
Sexton, R. C., 6:245–72
Shane, B., 5:115–41
Sitrin, M. D., 5:463–84
Sommer, A., 4:183–205
Stallones, R. A., 3:155–85
Steele, R. D., 4:157–81
Stipanuk, M. H., 6:179–209
Stokstad, E. L. R., 5:115–41
Suter, P. M., 7:23–49
Swan, P. B., 3:413–32
Sweetman, L., 6:317–43
Sweetser, D. A., 7:337–59

T

Tielsch, J. M., 4:183–205

U

Ullrey, D. E., 7:361–82

V

van Eys, J., 5:435–61
Visek, W. J., 4:137–55
Vokes, T., 7:383–406
Vollmecke, T. A., 6:433–56

W

Walser, M., 3:125–54
Waterlow, J. C., 6:495–526
Weisburger, J. H., 5:295–321
Wenz, E., 7:117–35
Wilson, R. P., 6:225–44
Woo, R., 5:411–33
Wu, C.-W., 7:251–72
Wu, F. Y.-H., 7:251–72

Y

Yetley, E., 7:441–63

CHAPTER TITLES, VOLUMES 3–7

PREFATORY ESSAYS

A Feast for Aesculapius: Historical Diets for Asthma and Sexual Pleasure	M. P. Cosman	3:1–33
Government Regulation of the Integrity of the Food Supply	P. B. Hutt	4:1–20
Some Personal Reflections on a Half Century of Nutrition Science: 1930s–1980s	W. J. Darby	5:1–24
Back to Basics: An Evolutionary Odyssey with Reflections on the Nutrition Research of Tomorrow	H. N. Munro	6:1–12
The Phenomenon of Famine	N. S. Scrimshaw	7:1–21

ENERGY METABOLISM

Nutritional Energetics of Animals	R. L. Baldwin, A. C. Bywater	4:101–14
Brown Adipose Tissue Metabolism and Thermogenesis	J. Himms-Hagen	5:69–94
Body Size and Energy Metabolism	A. A. Heusner	5:267–93
Regulation of Energy Balance	R. Woo, R. Daniels-Kush, E. S. Horton	5:411–33
Alcohol and Nutrition: Caloric Value, Bioenergetics, and Relationship to Liver Damage	M. C. Mitchell, H. F. Herlong	6:457–74
Metabolic Adaptation to Low Intakes of Energy and Protein	J. C. Waterlow	6:495–526
Assessment of Energy Expenditure and Fuel Utilization in Man	E. Jéquier, K. Acheson, Y. Schutz	7:187–208

CARBOHYDRATES

Simple versus Complex Carbohydrate Use in the Diabetic Diet	P. A. Crapo	5:95–114
Monosaccharides in Health and Disease	R. Levine	6:211–24
From Dietary Glucose to Liver Glycogen: The Full Circle Round	J. D. McGarry, M. Kuwajima, C. B. Newgard, D. W. Foster, J. Katz	7:51–73
Dietary Regulation of Gene Expression: Enzymes Involved in Carbohydrate and Lipid Metabolism	A. G. Goodridge	7:157–85

LIPIDS

Absorption and Metabolism of Dietary Cholesterol	S. M. Grundy	3:71–96
Nutrition and Biochemistry of *Trans* and Positional Fatty Isomers in Hydrogenated Oils	E. A. Emken	4:339–76
Effects of Diet on Lipoprotein Metabolism	A. C. Goldberg, G. Schonfeld	5:195–212
Mechanisms and Consequences of Lipid Peroxidation in Biological Systems	A. Sevanian, P. Hochstein	5:365–90
Regulation of Cholesterol Biosynthesis	H. Rudney, R. C. Sexton	6:245–72
Dietary Regulation of Gene Expression: Enzymes Involved in Carbohydrate and Lipid Metabolism	A. G. Goodridge	7:157–85

Effects of Fat-Modified Diets on Cholesterol and Lipoprotein Metabolism	D. J. McNamara	7:273–90
The Metabolic Significance of Mammalian Fatty-Acid-Binding Proteins: Abundant Proteins in Search of a Function	D. A. Sweetser, R. O. Heuckeroth, J. I. Gordon	7:337–59
PROTEINS, PEPTIDES, AND AMINO ACIDS		
Carnitine	P. R. Borum	3:233–59
An Update of Concepts of Essential Amino Acids	W. J. Visek	4:135–55
Branched-Chain Amino Acid Metabolism	A. E. Harper, R. H. Miller, K. P. Block	4:409–54
Metabolism of Sulfur-Containing Amino Acids	M. H. Stipanuk	6:179–209
Protein and Amino Acid Requirements of Fishes	R. P. Wilson, J. E. Halver	6:225–44
Metabolic Adaptation to Low Intakes of Energy and Protein	J. C. Waterlow	6:495–526
Mechanisms of Transport of Amino Acids Across Membranes	E. J. Collarini, D. L. Oxender	7:75–90
Phenylketonuria	R. Koch, E. Wenz	7:117–35
Dietary D-Amino Acids	E. H. Man, J. L. Fada	7:209–25
Intracellular Protein Catabolism and Its Control During Nutrient Deprivation and Supply	G. E. Mortimore, A. R. Pösö	7:539–64
VITAMINS		
Niacin	L. M. Henderson	3:289–307
Vitamin K Metabolism	R. E. Olson	4:281–337
Vitamin B_6 Metabolism	S. L. Ink, L. M. Henderson	4:455–70
Vitamin D: Metabolism and Biological Actions	H. L. Henry, A. W. Norman	4:493–520
Vitamin B_{12}–Folate Interrelationships	B. Shane, E. L. R. Stokstad	5:115–41
Vitamin E: Interactions With Free Radicals and Ascorbate	P. B. McCay	5:323–40
The Biochemical Functions of Ascorbic Acid	S. Englard, S. Seifter	6:365–406
Vitamin D Receptors: Nature and Function	M. R. Haussler	6:527–62
Diseases Associated with Defects in Vitamin B_6 Metabolism or Utilization	A. H. Merrill, Jr., J. M. Henderson	7:137–56
Inherited Defects of Vitamin B_{12} Metabolism	B. A. Cooper, D. S. Rosenblatt	7:291–320
Intracellular Vitamin A–Binding Proteins	F. Chytil, D. E. Ong	7:321–35
INORGANIC NUTRIENTS		
Biological Activity of Selenium	R. F. Burk	3:53–70
Bioavailability of Trace Mineral Elements	R. M. Forbes, J. W. Erdman, Jr.	3:213–31
Physiological Ligands for Copper and Zinc	R. A. DiSilvestro, R. J. Cousins	3:261–88
Ultratrace Elements in Nutrition	F. Nielsen	4:21–41
Dietary Intake and Bioavailability of Fluoride	G. S. Rao	4:115–36
The Nutritional Biochemistry of Selenium	G. F. Combs, Jr., S. B. Combs	4:257–80
Zinc and Reproduction	J. Apgar	5:43–68
Dietary Interactions Involving Trace Elements	C. F. Mills	5:173–93
Clinical Manifestations of Zinc Deficiency	A. S. Prasad	5:341–63
Biochemical Basis for the Manifestations of Iron Deficiency	P. R. Dallman	6:13–40
Mutagens and Carcinogens in Foods	C. Furihata, T. Matsushima	6:67–94
Metabolism, Nutrition, and Function of Carotenoids	T. W. Goodwin	6:273–97
A Global View of Human Selenium Nutrition	O. A. Levander	7:227–50
Zinc in DNA Replication and Transcription	F. Y.-H. Wu, C.-W. Wu	7:251–72
Iron Overload: Causes and Consequences	V. R. Gordeuk, B. R. Bacon, G. M. Brittenham	7:485–508

WATER		
Water Homeostasis	T. Vokes	7:383–406
OTHER FOOD COMPONENTS		
Naturally Occurring Anticarcinogenic Substances in Foodstuffs	E. S. Fiala, B. S. Reddy, J. H. Weisburger	5:295–321
The Indolizidine Alkaloids, Slaframine and Swainsonine: Contaminants in Animal Forages	H. P. Broquist	5:391–409
Metabolism and Function of *myo*-Inositol and Inositol Phospholipids	B. J. Holub	6:563–97
Dietary Tannins and Salivary Proline-Rich Proteins: Interactions, Induction, and Defense Mechanisms	H. Mehansho, L. G. Butler, D. M. Carlson	7:423–40
DIET, NUTRITION, AND METABOLIC REGULATION		
Effects of Nutritive Factors on Metabolic Processes Involving Bioactivation and Detoxication of Chemicals	F. P. Guengerich	4:207-31
The Hormonal Regulation of Food Intake, Digestion, and Absorption	C. G. Nicholl, J. M. Polak, S. R. Bloom	5:213–39
Dietary Regulation of Gene Expression: Enzymes Involved in Carbohydrate and Lipid Metabolism	A. G. Goodridge	7:157–85
Nutrient Effects on DNA and Chromatin Structure	C. E. Castro	7:407–21
CLINICAL NUTRITION		
The Placenta in Nutrition	H. N. Munro, S. J. Pilistine, M. E. Fant	3:97–124
Nutrition in Renal Failure	M. Walser	3:125–54
Ischemic Heart Disease and Lipids in Blood and Diet	R. A. Stallones	3:155–85
The Endocrine Responses to Protein-Calorie Malnutrition	D. J. Becker	3:187–212
Endemic Goiter and Cretinism at the Dawn of the Third Millennium	J. Matovinovic	3:341–412
Protein Metabolism and Injury	J. M. Kinney, D. H. Elwyn	3:433–66
Protein and Energy Nutrition During Lactation	D. A. Sampson, G. R. Jansen	4:43–67
Home Parenteral Nutrition	L. Howard, A.V. Michalek	4:69–99
The Epidemiology of Vitamin A Deficiency and Xerophthalmia	J. M. Tielsch, A. Sommer	4:183–205
The Diagnosis and Treatment of Food Allergy	F. A. Atkins, D. D. Metcalfe	4:233–55
Calcium and Osteoporosis	L. V. Avioli	4:471–91
Zinc and Reproduction	J. Apgar	5:43–68
Simple versus Complex Carbohydrate Use in the Diabetic Diet	P. A. Crapo	5:95–114
The Hormonal Regulation of Food Intake, Digestion, and Absorption	C. G. Nicholl, J. M. Polak, S. R. Bloom	5:213–39
Celiac Disease	S. G. Cole, M. F. Kagnoff	5:241–66
Clinical Manifestations of Zinc Deficiency	A. S. Prasad	5:341–63
Mechanisms and Consequences of Lipid Peroxidation in Biological Systems	A. Sevanian, P. Hochstein	5:365–90
Regulation of Energy Balance	R. Woo, R. Daniels-Kush, E. S. Horton	5:411–33
Nutrition and Cancer: Physiological Interrelationships	J. van Eys	5:453–61
Nutritional Aspects of Inflammatory Bowel Disease	I. H. Rosenberg, J. M. Bengoa, M. D. Sitrin	5:463–84

Carnitine Metabolism and Function in Humans	C. J. Rebouche, D. J. Paulson	6:41–66
Nutrition and Infection	G. T. Keusch, M. J. G. Farthing	6:131–54
The Pathophysiology of Anorexia Nervosa and Bulimia Nervosa	R. C. Casper	6:299–316
Inheritable Biotin-Treatable Disorders and Their Associated Phenomena	L. Sweetman, W. L. Nyhan	6:317–43
Labile Methyl Groups and the Promotion of Cancer	P. M. Newberne, A. E. Rogers	6:407–32
Calcium and Hypertension	N. Karanja, D. A. McCarron	6:475–94
Metabolic Adaptation to Low Intakes of Energy and Protein	J. C. Waterlow	6:495–526
Nutritional Requirements of the Elderly	H. N. Munro, P. M. Suter, R. M. Russell	7:23–49
Nutritional Requirements of Low and Very Low Birthweight Infants	O. G. Brooke	7:91–116
Diseases Associated with Defects in Vitamin B_6 Metabolism or Utilization	A. H. Merrill, Jr., J. M. Henderson	7:137–56
Inherited Defects of Vitamin B_{12} Metabolism	B. A. Cooper, D. S. Rosenblatt	7:291–320
Starvation and Semistarvation Diets in the Management of Obesity	J. S. Fisler, E. L. Drenick	7:465–84
NUTRITIONAL ANTHROPOLOGY		
Food Faddism, Cultism, and Quackery	W. T. Jarvis	3:35–52
Implementing Nutrition Programs: Lessons from an Unheeded Literature	J. O. Field	5:143–72
Diet and Human Behavior: How Much Do They Affect Each Other?	M. J. P. Kruesi, J. L. Rapoport	6:113–30
The Impact of Culture on Food-Related Behavior	M. L. Axelson	6:345–63
Food Likes and Dislikes	P. Rozin, T. A. Vollmecke	6:433–56
NUTRITIONAL TOXICOLOGY AND PHARMACOLOGY		
Adverse Effects of Excessive Consumption of Amino Acids	N. J. Benevenga, R. D. Steele	4:157–81
Naturally Occurring Anticarcinogenic Substances in Foodstuffs	E. S. Fiala, B. S. Reddy, J. H. Weisburger	5:295–321
NUTRITIONAL MICROBIOLOGY		
Food-borne Pathogens of Recent Concern	M. P. Doyle	5:25–41
Gastrointestinal Microflora in Mammalian Nutrition	D. C. Savage	6:155–78
PUBLIC HEALTH NUTRITION		
Food Consumption by Individuals in the United States: Two Major Surveys	P. B. Swan	3:413–32
Nutritional Applications of the Health and Nutrition Examination Surveys (HANES)	E. Yetley, C. Johnson	7:441–63
Evolution of Recommended Dietary Allowances—New Directions?	A. E. Harper	7:509–37
COMPARATIVE NUTRITION		
Nutrition of the Domestic Cat	M. L. MacDonald, Q. R. Rogers, J. G. Morris	4:521–62
Somatic Nutrient Requirements of Ruminants	J. M. Asplund	6:95–112
Protein and Amino Acid Requirements of Fishes	R. P. Wilson, J. E. Halver	6:225–44
The Pig as a Model for Human Nutrition	E. R. Miller, D. E. Ullrey	7:361–82
SPECIAL TOPICS		
Stable Isotope Methods for Nutritional Investigation	D. E. Matthews, D. M. Bier	3:309–39
Newer Methods for Assessing Nutriture of Selected B-Complex Vitamins	H. E. Sauberlich	4:377–407